

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED

Title V, Operating

Permit: V-08-038

Northpoint Training Center

Burgin, KY 40310

February 5, 2009

Massoud Kayvanjah, Reviewer

SOURCE ID: 21-021-00055

AGENCY INTEREST: 372

ACTIVITY: APE20080001

SOURCE DESCRIPTION:

Northpoint Training Center, a Justice and Public Safety Cabinet facility located State Road 1896 and Highway 33 in Burgin City of Boyle County, submitted a permit application for operation of their air pollution units on September 26, 2008. None of these units have been previously permitted, and they include four (EU-1 through EU-4) natural gas fired boilers (rated capacity of 65, 42, 24 and 20 MMBtu/hr), with #2 diesel fuel as backup. There are eight diesel fuel emergency generators (two 200 KWH, one 150 KWH, one 125 KWH, two 100 KWH, and two 50 KWH), a spray booth operation, and a carpentry work shop. The spray booth operates annually 520 hours using maximum 132 gallons of spray material. The carpentry workshop operates 1300 hours per year using 800 total board feet wood for manufacturing furniture. Facility has three diesel fuel storage tanks with capacity of 20,000, 10,000 gallons, and 1403 gallons with a total of 42,000 gallons annual throughput. Potential emission of regulated air pollutant nitrogen oxide (NO_x) from Northpoint facility exceeds 100 tons per year. Thus, the facility is classified as a major source under the Title V permit program.

PUBLIC AND AFFECTED STATE REVIEW:

On January 5, 2009, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in "The Advocate Messenger," Danville, Boyle County, Kentucky. The public comment period expired 30 days from the date of publication. No states are affected by this permit action.

Comments from the Northpoint Training Center received on January 30 2009, for increasing the annual operation hours of the EU-05 Paint Spray Booth from 520 to 700 along with the amount of paints to be used (Total VOC/HAP emission 0.65 T/Y) ; also changing the annual amount of board feet for EU-06 from 800 to 4000 BF/Y (PM10 emission 0.003 T/Y). The above changes will not change the permit type or status. The final determination of this Division is that the proposed operation permit will comply with all air quality regulations and requirements. The permit is now being issued as proposed. A final permit will be issued after the U.S. EPA's 45-day review.